



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

International Patent Classification⁶ : C08G 63/685, 75/26, A61K 9/16 **A1** **(11) International Publication Number:** WO 98/28357
(43) International Publication Date: 2 July 1998 (02.07.98)

International Application Number: PCT/CA97/00980

International Filing Date: 19 December 1997 (19.12.97)

Priority Data: 08/770,850 20 December 1996 (20.12.96) US

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(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

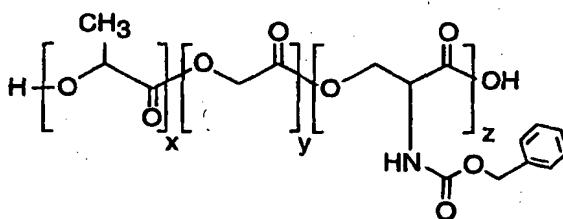
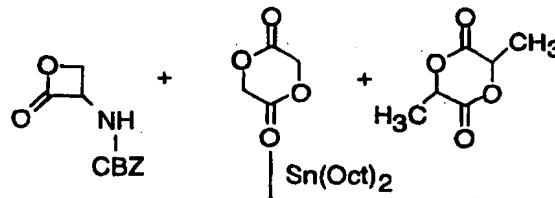
Published

With international search report.

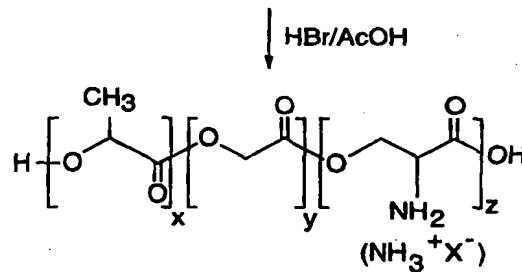
Title: BIODEGRADABLE TARGETABLE MICROPARTICLE DELIVERY SYSTEM

1 Abstract

Copolymers designed for use as particulate carriers containing functionalizable amino acid subunits for coupling targeting ligands are described. The copolymers polyesters composed of α -hydroxy acid subunits such D,L-lactide and pseudo- α -amino acid subunits which be derived from serine or terpolymers of D,L-lactide glycolide and pseudo- α -amino acid subunits which be derived from serine. Stable vaccine preparations ful as delayed release formulations containing antigen intogens and adjuvants encapsulated within or physically ed with polymeric microparticles are described. The iculate carriers are useful for delivering agents to the nune system of a subject by mucosal or parenteral tes to produce immune responses, including antibody and tective responses.



Poly-D,L-Lactide-co-Glycolide-co-pseudo-L-Z-Serine Ester (PLGpZS)



Poly-D,L-Lactide-co-Glycolide-co-pseudo-L-Serine Ester (PLGpS)

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